

J1032 U.S. PTO  
12/21/01

12-28-01 A.

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U S Patent and Trademark Office; U.S DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 23]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 4 ]
5. Oath or Declaration [ Total Pages 27 ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6.  Application Data Sheet. See 37 CFR 1.76

Attorney Docket No.	75978/15420
First Inventor	Nair et al.
Title	RADIAL ELECTROPHORESIS APPARATUS AND METHOD
Express Mail Label No.	EL633839434US

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS		
9.	<input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
10.	<input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i>	<input type="checkbox"/> Power of Attorney
11.	<input type="checkbox"/> English Translation Document ( <i>if applicable</i> )	
12.	<input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations
13.	<input type="checkbox"/> Preliminary Amendment	
14.	<input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	
15.	<input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	
16.	<input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
17.	<input checked="" type="checkbox"/> Other: ..... Letter to PTO re filing without Oath/declaration.....	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

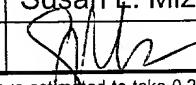
Examiner \_\_\_\_\_

Group Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	23380 <i>(Insert Customer No. or Attach bar code label here)</i>	or <input type="checkbox"/>	Correspondence address below
Name	23380		
Address	PATENT & TRADEMARK OFFICE		
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Susan L. Mizer	Registration No. (Attorney/Agent)	38,245
Signature			Date 12/21/01

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)

637.00

## Complete if Known

Application Number	Unknown
Filing Date	Herewith
First Named Inventor	Nair et al.
Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	75978/15420

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number **50-0902(75978/15420)**Deposit Account Name **Arter & Hadden** Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17 Applicant claims small entity status  
See 37 CFR 1.27

2.  Payment Enclosed:

 Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	740	201 370 Utility filing fee	\$370.00
106	330	206 165 Design filing fee	
107	510	207 255 Plant filing fee	
108	740	208 370 Reissue filing fee	
114	160	214 80 Provisional filing fee	

SUBTOTAL (1) (\$ 370.00)

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
31	-20** = 11	X \$9.00	= \$99.00
7	-3** = 4	X \$42.00	= \$168.00
			= 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	84	202 42 Independent claims in excess of 3
104	280	204 140 Multiple dependent claim, if not paid
109	84	209 42 ** Reissue independent claims over original patent
110	18	210 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 267.00)

\*\*or number previously paid, if greater; For Reissues, see above

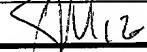
## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for ex parte reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	400	216 200 Extension for reply within second month	
117	920	217 460 Extension for reply within third month	
118	1,440	218 720 Extension for reply within fourth month	
128	1,960	228 980 Extension for reply within fifth month	
119	320	219 160 Notice of Appeal	
120	320	220 160 Filing a brief in support of an appeal	
121	280	221 140 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,280	241 640 Petition to revive - unintentional	
142	1,280	242 640 Utility issue fee (or reissue)	
143	460	243 230 Design issue fee	
144	620	244 310 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Processing fee under 37 CFR 1.17(q)	
126	180	126 180 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
146	740	246 370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249 370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279 370 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	
Other fee (specify) _____			

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

0

SUBMITTED BY				
Name (Print/Type)	Susan L. Mizer	Registration No (Attorney/Agent)	38,245	Telephone (216) 696-3466
Signature				
Date	12/2/04			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

## CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that the attached U.S. Patent Application having Docket No. 75978/15420 (along with any other paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on this 21<sup>st</sup> day of December, 2001, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL633839434US addressed to the: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Anna C. Kundel

(Typed Name of Person Mailing Paper)

Anna C. Kundel

(Signature of Person Mailing Paper)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application:

APPLICANT : Nair et al.  
FOR : RADIAL ELECTROPHORESIS  
APPARATUS AND METHOD  
EXPRESS MAIL NO. : EL633839434US  
FILED: : Herewith  
ART UNIT : Unknown  
EXAMINER : Unknown  
ATTORNEY DOCKET NO. : 75978/15420

**LETTER**

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231-9999

Dear Sir:

The attached application is submitted herewith absent a Combined Declaration and Power of Attorney in accordance with 37 CFR § 1.53(b). The inventors are as follows:

Chenicheri Hariharan Nair

Philip Roeth

It is requested that the Patent Office direct all correspondence regarding this application to:

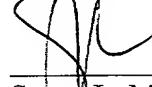
Susan L. Mizer  
ARTER & HADDEN LLP  
925 Euclid Avenue  
1100 Huntington Building  
Cleveland, Ohio 44115  
**Customer No. 23380**  
Phone: 216/696-3466  
Facsimile: 216/696-2645

Further, this application claims priority from Australian Provisional Patent Application No. PR2223 filed December 21, 2000.

Date: 12/21/01

Respectfully submitted,

ARTER & HADDEN LLP



Susan L. Mizer  
Reg. No. 38,245  
925 Euclid Avenue  
1100 Huntington Building  
Cleveland, Ohio 44115  
Phone: 216/696-3466  
Facsimile: 216/696-2645

628447.1  
75978/15420